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PTO/SB/01A (08-03)
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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	SYSTEM AND METHOD FOR CLOSED-LOOP CONTROL OF LASER CLADDING BY POWDER INJECTION
As the below named	inventor(s), I/we declare that:
This declaration is di	rected to:
	The attached application, or
	Application No. 10/697,552, filed on October 31, 2003
	as amended on(if applicable);
I/we believe that I/wo sought;	e am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is
I/we have reviewed amendment specification	and understand the contents of the above-identified application, including the claims, as amended by any ally referred to above;
material to patentable	e duty to disclose to the United States Patent and Trademark Office all information known to me/us to be ility as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which etween the filing date of the prior application and the national or PCT International filing date of the application.
to be true, and furth	herein of my/own knowledge are true, all statements made herein on information and belief are believed her that these statements were made with the knowledge that willful false statements and the like are r imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any on.
FULL NAME OF INIT	ENTOP(C)
FULL NAME OF INV	san Toyserkani
Signature:	Citizen of:Canada
Inventor two: Am	ir Khajepour
Signature:	Citizen of: Canada
Inventor three: St	ephen F. Corbin
Signature:	We with Citizen of: Canada
Inventor four:	
Signature:	Citizen of:
Additional inven	stors or a legal representative are being named onadditional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FEB 1 0 2004 W

PTO/SB/81 (09-03)
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POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	10/697,552	
Filing Date	October 31, 2003	
First Named Inventor	Toyserkani et al.	
Title	SystemInjection	
Art Unit		
Examiner Name		
Attorney Docket Number	14508	

I hereb	y appoint:				· 	
		with the Customer Number:		0002	293	
0.	R		L			
	Practitioner(s) named be	elow:				
		Name			Registration No	umber
	Ralph A. Dowell				26 868	
	Lynn C. Schumacher	·		36 413		
Nancy E. Hill				41 564		
Wendy M. Slade					53 604	
as my/our attorney(s) or agent(s) to prosecute the application identified ab Trademark Office connected therewith.			identified above,	and to tr	ansact all business in	the United States Patent and
	The address associat	e correspondence address for ded with the above-mentioned Code with Customer Number:		• •	eation to:	
	OR					
V	Firm or Individual Name	Ralph A. Dowell of DOWELL	& DOWELL, P.C			
/	Address	Suite 309, 1215 Jefferson Da	vis Highway			
/	Address					
	City	Arlington		State	VA	Zip 22202
	Country	US				
	Telephone	703 415 2555		Fax	703 415 2559	
l am th	Applicant/Inventor. Assignee of record of	the entire interest. See 37 CFF FR 3.73(b) is enclosed. (Form				
		SIGNATURE of	Applicant or As	signee d	of Record	
Name	Ehsan Toyserkani					
Signatu	ire					
Date	Nov. 11/0	>პ			Telephone	
NOTE: S	Signatures of all the inventor more than one signature is	rs or assignees of record of the ent	ire interest or their r	epresenta	ative(s) are required. Sub	mit multiple
V.	Total of 3	forms are submitted.			· · · · · ·	

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	10/697,552
Filing Date	October 31, 2003
First Named Inventor	Toyserkani et al.
Title	SystemInjection
Art Unit	
Examiner Name	
Attorney Docket Number	14508

I hereb	by appoint:						
V	Practitioners associated	with the Customer Number:		0002	293		
C	OR .						
~	Practitioner(s) named be	low:					
		Name			Registration I	Number	
	Ralph A. Dowell				26 868	3	
	Lynn C. Schumacher			36 413			
Nancy E. Hill				41 564			
Wendy M. Slade				53 604			
as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United Trademark Office connected therewith.							
	The address associate	e correspondence address for ed with the above-mentioned (ed with Customer Number:			cation to:		
	OR						
7	Firm or Individual Name	Ralph A. Dowell of DOWELL	& DOWELL, P.C.				
	Address	Suite 309, 1215 Jefferson Da	vis Highway				
	Address				·····		
	City	Arlington		State	VA	Zip 22202	
	Country	us					
	Telephone	703 415 2555	_	Fax	703 415 2559		
lam t	Applicant/Inventor. Assignee of record of	the entire interest. See 37 CFF FR 3.73(b) is enclosed. (Form	R 3.71. PTO/SB/96)				
			Applicant or As	signee d	of Record		
Name	Amir Khajepour						
Signat							
Date	1 A (0V - 1)	103			Telephone		
NOTE:	Signatures of all the inventor more than one signature is	s or assignees of record of the ent	ire interest or their re	epresenta	ative(s) are required. Su	ıbmit multiple	
		forms are submitted.					

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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POWER OF ATTORNEY and **CORRESPONDENCE ADDRESS INDICATION FORM**

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Application Number	10/697,552
Filing Date	October 31, 2003
First Named Inventor	Toyserkani et al.
Title	SystemInjection
Art Unit	
Examiner Name	
Attorney Docket Number	14508

I herel	by appoint:					
	Practitioners associated	with the Customer Number:		0002	93	
V	Practitioner(s) named be	low:				
		Name			Registration Nu	ımber
	Ralph A. Dowell				26 868	
	Lynn C. Schumacher			36 413		
Nancy E. Hill				41 564		
	Wendy M. Slade	<u> </u>			53 604	
	our attorney(s) or agent(s) mark Office connected the	s) to prosecute the application i erewith.	dentified above,	and to tr	ansact all business in	the United States Patent and
	The address associate	e correspondence address for the dividence address for the dividence of the correspondence of the corresponden		• •	ation to:	
~	Firm or Individual Name	Ralph A. Dowell of DOWELL	& DOWELL, P.C.		7.677	
	Address	Suite 309, 1215 Jefferson Day	vis Highway		· ·	
	Address					
	City	Arlington		State	VA	Zip 22202
	Country	us			<u> </u>	<u> </u>
	Telephone	703 415 2555		Fax	703 415 2559	
	Applicant/Inventor. Assignee of record of	the entire interest. See 37 CFR FR 3.73(b) is enclosed. (Form i	3.71. PTO/SB/96)			
		SIGNATURE of	Applicant or Ass	signee c	of Record	
Name	Stephen F. Corbin	1				
Signat	ture DUITE	asle				
Date	Nov. 18	103			Telephone	
NOTE: forms it	Signatures of all the inventor	rs or assignees of record of the entirequired, see below*.	re interest or their re	presenta	tive(s) are required. Sub	mit multiple
V	*Total of 3	forms are submitted.				

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Ehsan Toyserkani, Amir Khajepour and Stephen F. Corbin

TITLE:

SYSTEM AND METHOD FOR CLOSED-LOOP CONTROL OF LASER

CLADDING BY POWDER INJECTION

SERIAL NUMBER: 10/697,553 DOCKET NUMBER: 14508 FILED: October 31, 2003

VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS

[X] FOR INDEPENDENT INVENTOR

	declare that I am an independent
inventor who (1) has not assigned, granted, co	nveyed, or licensed, and (2) is under
no obligation under contract or law, to assign	, grant, convey, or license, any
rights in the invention, to any person who could	ld not likewise be classified as an
independent inventor if that person had made the	
would not qualify as a small business concern	
defined in 37 CFR 1.9.	or a nonprofite organización, ab
<u>* Ek-</u>	Date: Nov. 11/03
Ehsan Toyserkani	
A	
	Date: NOV /1/03
Amir Khajepour	,
	Date: Nov. 18/03
That only	Nau 18/03
	Jate:
Stephen F. Corbin	·
[] FOR SMALL BUSINESS CONCERN	
T homely doellows that	
I hereby declare that	
concern which qualifies as a small business con	
(1) whose number of employees, including those	of its affiliates does not exceed
	or its arritates, does not exceed
500 persons; and (2) which has not assigned, g	ranted, conveyed, or licensed, and is
500 persons; and (2) which has not assigned, grunder no obligation under contract or law to as	ranted, conveyed, or licensed, and is ssign, grant, convey or license, any
500 persons; and (2) which has not assigned, grunder no obligation under contract or law to a rights in the invention to any person who could	ranted, conveyed, or licensed, and is ssign, grant, convey or license, any d not be classified as an independent
500 persons; and (2) which has not assigned, grunder no obligation under contract or law to a rights in the invention to any person who could inventor if that person had made the invention	ranted, conveyed, or licensed, and is ssign, grant, convey or license, any d not be classified as an independent, or to any concern which would not
500 persons; and (2) which has not assigned, gunder no obligation under contract or law to a rights in the invention to any person who could inventor if that person had made the invention qualify as a small business concern or a nonpression.	ranted, conveyed, or licensed, and is ssign, grant, convey or license, any d not be classified as an independent, or to any concern which would not ofit organization under this section;
500 persons; and (2) which has not assigned, gunder no obligation under contract or law to a rights in the invention to any person who could inventor if that person had made the invention qualify as a small business concern or a nonprand that the exclusive rights to the invention	ranted, conveyed, or licensed, and is ssign, grant, convey or license, any d not be classified as an independent, or to any concern which would not ofit organization under this section;
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500 persons; and (2) which has not assigned, gunder no obligation under contract or law to a rights in the invention to any person who could inventor if that person had made the invention qualify as a small business concern or a nonprend that the exclusive rights to the invention the above-identified small business concern.	ranted, conveyed, or licensed, and is ssign, grant, convey or license, any d not be classified as an independent, or to any concern which would not ofit organization under this section; have been conveyed to and remain with
500 persons; and (2) which has not assigned, gunder no obligation under contract or law to a rights in the invention to any person who could inventor if that person had made the invention qualify as a small business concern or a nonprand that the exclusive rights to the invention the above-identified small business concern. I further declare that all statements may be supported by the statements of the contract of the statements of the statement of the st	ranted, conveyed, or licensed, and is ssign, grant, convey or license, any d not be classified as an independent, or to any concern which would not ofit organization under this section; have been conveyed to and remain with ade herein of my own knowledge are true
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500 persons; and (2) which has not assigned, grunder no obligation under contract or law to a rights in the invention to any person who could inventor if that person had made the invention qualify as a small business concern or a nonpresent that the exclusive rights to the invention the above-identified small business concern. I further declare that all statements may and all statements made on information and belighter, that these statements were made with statements and the like, so made, are punishable under Section 1001 of Title 18 of the United Section	ranted, conveyed, or licensed, and is ssign, grant, convey or license, any d not be classified as an independent, or to any concern which would not ofit organization under this section; have been conveyed to and remain with ade herein of my own knowledge are true ief are believed to be true; and the knowledge that willful, false le by fine or imprisonment or both, tates Code, and that such willful,
500 persons; and (2) which has not assigned, gunder no obligation under contract or law to a rights in the invention to any person who could inventor if that person had made the invention qualify as a small business concern or a nonprand that the exclusive rights to the invention the above-identified small business concern. I further declare that all statements made and all statements made on information and belfurther, that these statements were made with statements and the like, so made, are punishable under Section 1001 of Title 18 of the United Stalse statements may jeopardize the validity of	ranted, conveyed, or licensed, and is ssign, grant, convey or license, any d not be classified as an independent, or to any concern which would not ofit organization under this section; have been conveyed to and remain with ade herein of my own knowledge are true ief are believed to be true; and the knowledge that willful, false le by fine or imprisonment or both, tates Code, and that such willful,
500 persons; and (2) which has not assigned, grunder no obligation under contract or law to a rights in the invention to any person who could inventor if that person had made the invention qualify as a small business concern or a nonpresent that the exclusive rights to the invention the above-identified small business concern. I further declare that all statements may and all statements made on information and belighter, that these statements were made with statements and the like, so made, are punishable under Section 1001 of Title 18 of the United Section	ranted, conveyed, or licensed, and is ssign, grant, convey or license, any d not be classified as an independent, or to any concern which would not ofit organization under this section; have been conveyed to and remain with ade herein of my own knowledge are true ief are believed to be true; and the knowledge that willful, false le by fine or imprisonment or both, tates Code, and that such willful,
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